

Title (en)

METHOD FOR OPERATING AN ASSISTANCE SYSTEM FOR A VEHICLE AND ASSISTANCE SYSTEM

Title (de)

VERFAHREN ZUM BETREIBEN EINES ASSISTENZSYSTEMS FÜR EIN FAHRZEUG UND ASSISTENZSYSTEM

Title (fr)

PROCÉDÉ POUR FAIRE FONCTIONNER UN SYSTÈME D'ASSISTANCE POUR UN VÉHICULE ET SYSTÈME D'ASSISTANCE

Publication

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Application

**EP 18728320 A 20180516**

Priority

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Abstract (en)

[origin: WO2019037905A1] The invention relates to a method for operating an assistance system for a vehicle. The assistance system comprises an object sensor device for determining an object characteristic value representative of coordinates of an object in the environment of the vehicle and a viewing sensor device for determining a direction characteristic value representative of a viewing direction of a driver of the vehicle and for determining a position characteristic value representative of a head position of the driver. In the method, the object characteristic value, the direction characteristic value, and the position characteristic value are determined; a projection characteristic value representative of a vector that connects the head position to the object is determined in accordance with the position characteristic value and the object characteristic value; a first region characteristic value representative of an estimated primary field of view of the driver is determined in accordance with the direction characteristic value and the position characteristic value; an attention characteristic value representative of the probability that the object is at least partially in the field of view of the driver is determined in accordance with the first region characteristic value and the projection characteristic value; and a warning function of the vehicle is activated in accordance with the attention characteristic value. The invention further relates to a corresponding assistance system.

IPC 8 full level

**G08G 1/16** (2006.01); **B60W 50/14** (2020.01)

CPC (source: EP US)

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Citation (search report)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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